

CLEVELAND CLIFFS INC  
 Form 3  
 December 12, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*

Â BRLAS LAURIE  
 (Last) (First) (Middle)

CLEVELAND-CLIFFS  
 INC,Â 1100 SUPERIOR  
 AVENUE

(Street)

CLEVELAND,Â OHÂ 44114

(City) (State) (Zip)

2. Date of Event Requiring Statement

(Month/Day/Year)  
 12/11/2006

3. Issuer Name and Ticker or Trading Symbol  
 CLEVELAND CLIFFS INC [CLF]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer  Other  
 (give title below) (specify below)  
 Senior VP CFO and Treasurer

5. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security  
 (Instr. 4)

2. Amount of Securities Beneficially Owned  
 (Instr. 4)

3. Ownership Form:  
 Direct (D)  
 or Indirect (I)  
 (Instr. 5)

4. Nature of Indirect Beneficial Ownership  
 (Instr. 5)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security  
 (Instr. 4)

2. Date Exercisable and Expiration Date  
 (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security  
 (Instr. 4)

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security: Direct (D)

6. Nature of Indirect Beneficial Ownership  
 (Instr. 5)

Date Exercisable Date Expiration Date Title Amount or Number of

|                                  |       |       |                  |        |        |                                  |   |
|----------------------------------|-------|-------|------------------|--------|--------|----------------------------------|---|
|                                  |       |       |                  | Shares |        | or Indirect<br>(1)<br>(Instr. 5) |   |
| Retention Units 2006-2008<br>(1) | Â (2) | Â (2) | Common<br>Shares | 1,200  | \$ (3) | D                                | Â |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                                     |       |
|---|---------------|-----------|-------------------------------------|-------|
|   | Director      | 10% Owner | Officer                             | Other |
| BRLAS LAURIE<br>CLEVELAND-CLIFFS INC<br>1100 SUPERIOR AVENUE<br>CLEVELAND, OH 44114 | Â             | Â         | Â Senior VP<br>CFO and<br>Treasurer | Â     |

## Signatures

Laurie Brlas                      12/12/2006  
 \*\*Signature of                      Date  
 Reporting Person

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Retention Units were granted on the date the Reporting Person joined the Company.  
 Retention Units granted to Reporting Person under the Cleveland-Cliffs Inc Long-Term Incentive Program covering the period of January 1, 2006 to December 31, 2008 (Retention Period). Retention units will be paid out to the Reporting Person in cash based on the market value price of the Common Shares of the Issuer on the last day of the Retention Period.
- (3) Convertible into Common Shares on a 1-for-1 basis.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.